

## ABSTRACT OF THE DISCLOSURE

The present invention provides a method of reducing weight when securing a predetermined plurality of tubes into a non-metallic header, wherein the method includes the steps of  
5 providing a predetermined plurality of tubes having a predetermined end configuration, and a non-metallic header having a predetermined number of openings corresponding to the predetermined plurality of tubes. The predetermined plurality of openings, disposed in the non-metallic header in a  
10 predetermined array, have a predetermined configuration substantially identical to the predetermined end configuration of the predetermined plurality of tubes. Finally the method includes the step of securing an end of each of the predetermined plurality of tubes into a respective predetermined  
15 plurality of openings in the non-metallic header.